

# **SFY 2021 – 2024 TIP PROJECTS RECOMMENDED FOR NOACA FUNDING**

**NOACA Business Advisory Council  
September 27, 2019**

# ACTION REQUESTED

**No action is requested at this time. Item is for presentation and discussion only.**

## PREVIOUS ACTION

- **Resolution 2019-045, approving projects to be funded with NOACA STBG and TAP funds for the SFY 2021 – 2024 Transportation Improvement Program (TIP)**
- **Resolution 2019-046, approving projects to be funded with NOACA CMAQ funds for the SFY 2021 – 2024 TIP**

# BACKGROUND

**NOACA is developing its SFY 2021 – 2024 TIP**

**The SFY 2021 - 2024 TIP will:**

- Be in effect from July 1, 2020 through June 30, 2024;
- Contain road, bridge, public transit and other transportation projects scheduled for implementation; and
- Include projects supported by federal funds through NOACA, ODOT and transit agencies

# BACKGROUND

## Projects represent NOACA allocated funding only

- Surface Transportation Block Grant (STBG) program - \$31 M annually
- Transportation Alternatives (TA) - \$3.1 M annually
- Congestion Mitigation and Air Quality (CMAQ) - \$16 M annually



### STBG

Projects that preserve and improve the conditions of the multimodal transportation system



### TA

Projects that advance alternatives to motorized travel



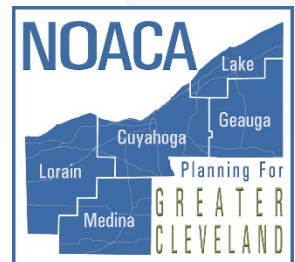
### CMAQ

Projects that reduce congestion & improve air quality in areas that do not attain air quality standards

# BACKGROUND

**Over 700 potential projects were identified through a comprehensive planning process**

- More than \$1B needed for implementation
- Needs far exceed the \$148 M funding available
- Approved projects represent the priorities in the LRTP and align with asset management and performance measures initiatives





# BACKGROUND

## Project Prioritization – STBG and TAP Programs

- **Filtered top 25% of all NOACA Transportation Asset Management plan and sponsor requested preservation projects by cost effectiveness**
  - Approximately 170 projects were distributed by each county's percent share of the region's VMT (vehicle miles travelled)
- **Incorporated all other NOACA plan list projects**
  - Safety and Congestion and Transportation Alternatives projects
  - Regionally significant projects
    - Important to economy, regional travel and destinations

# BACKGROUND

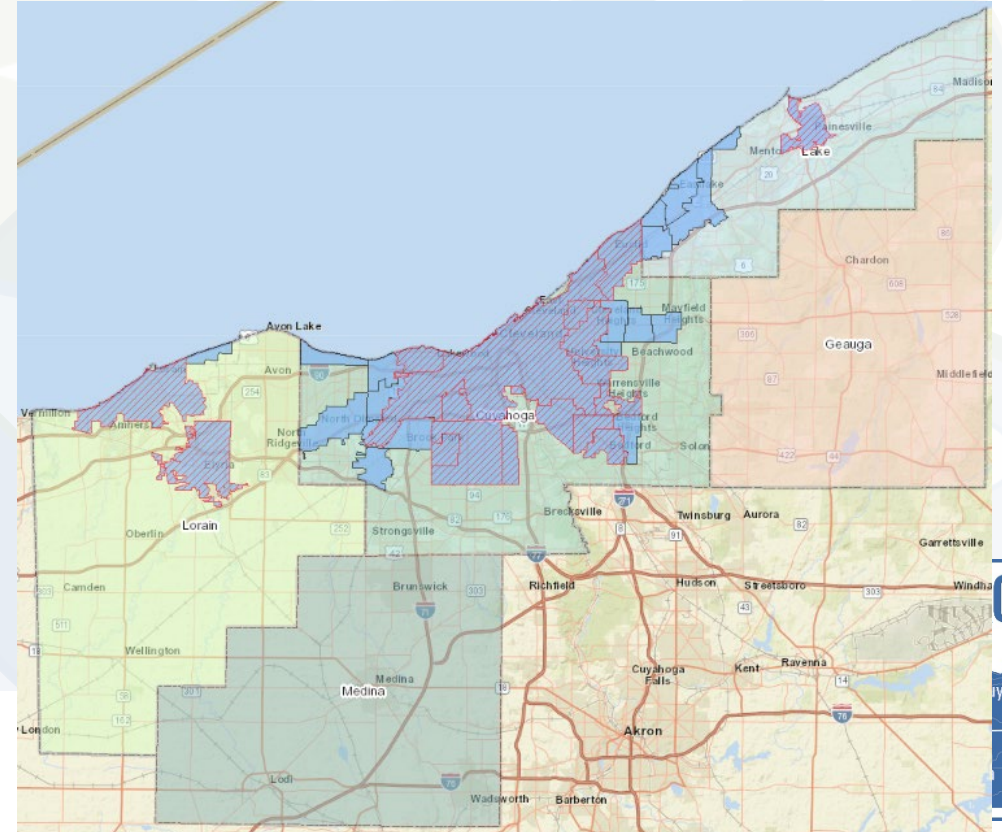
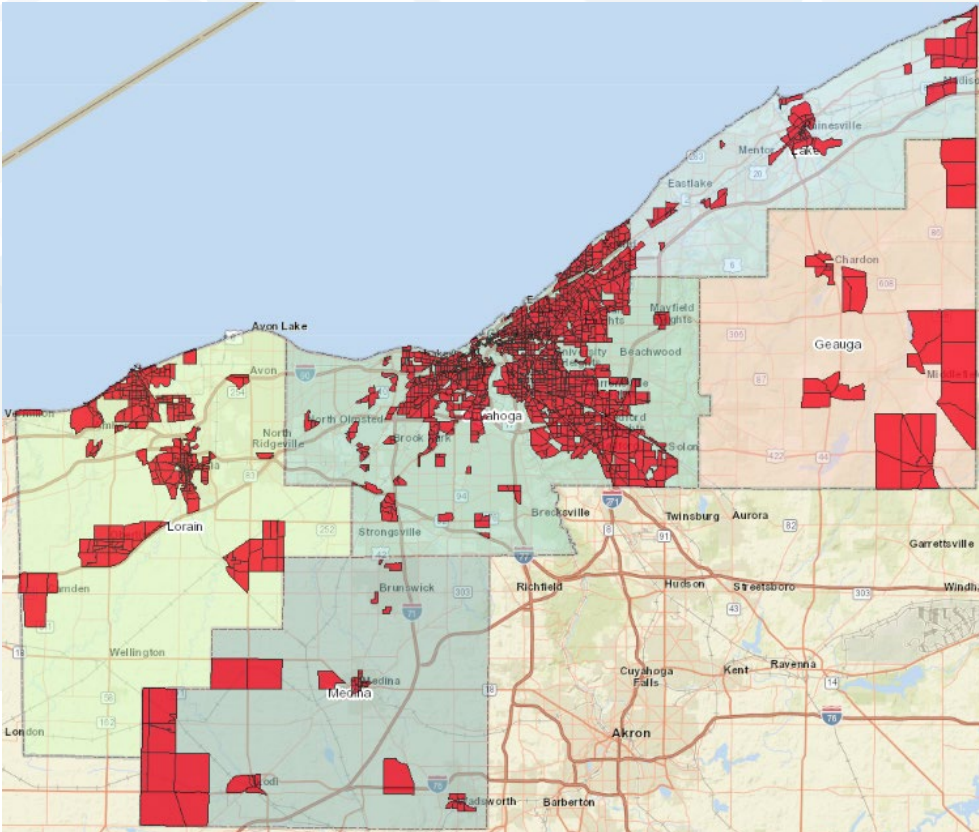
## Project Prioritization – STBG and TAP Programs

- Evaluated against regional significance and planning criteria
  - **Regional Significance Criteria**
    - Roadway/Transportation Significance
    - Job/ Education/ Government/ Medical Centers
    - Cultural/ Sports/ Entertainment Centers
    - Intermodal Connectivity
  - **Planning Criteria**
    - Safety/Congestion Priority Locations
    - Freight Plan Priority Routes
    - Public Transit Priority Corridors / TOD
    - Bicycle and Pedestrian Networks
    - TLCI/STRS Studies

# BACKGROUND

## Project Prioritization – STBG and TAP Programs

- **Other Considerations**
  - Geographic Equity
  - Environmental Justice, Urban Core / Disadvantaged Communities





# BACKGROUND

## Project Prioritization – CMAQ Program

- **Evaluated against Statewide CMAQ Criteria**
  - Project Type – Countermeasures proven to reduce emissions
  - Cost Effectiveness = Emissions/CMAQ Cost
  - Secondary Benefits to:
    - Safety
    - Freight
    - Fixed Route Transit
    - Bicycle and Pedestrian
    - Environmental Justice Areas

# BACKGROUND

## Statewide CMAQ Criteria (cont.)

- Existing and Positive Impact on Quality and Level of Service
- Project Readiness / Past Delivery Performance
- Non-federal match of requested CMAQ funds
- Regional Priority:
  - MPO priority given up to four project submittals

# BACKGROUND

- **Regional Priority is the only criteria NOACA has the ability to control - assignment of points to four projects (10, 7, 4 and 2)**
- **As previously directed by the Board, these points were applied strategically to maximize CMAQ funding to the region**
  - Not consider projects that already score well
  - Greatest regional impact
  - Promote multimodal transportation system and choice



# BACKGROUND

## Approved Projects

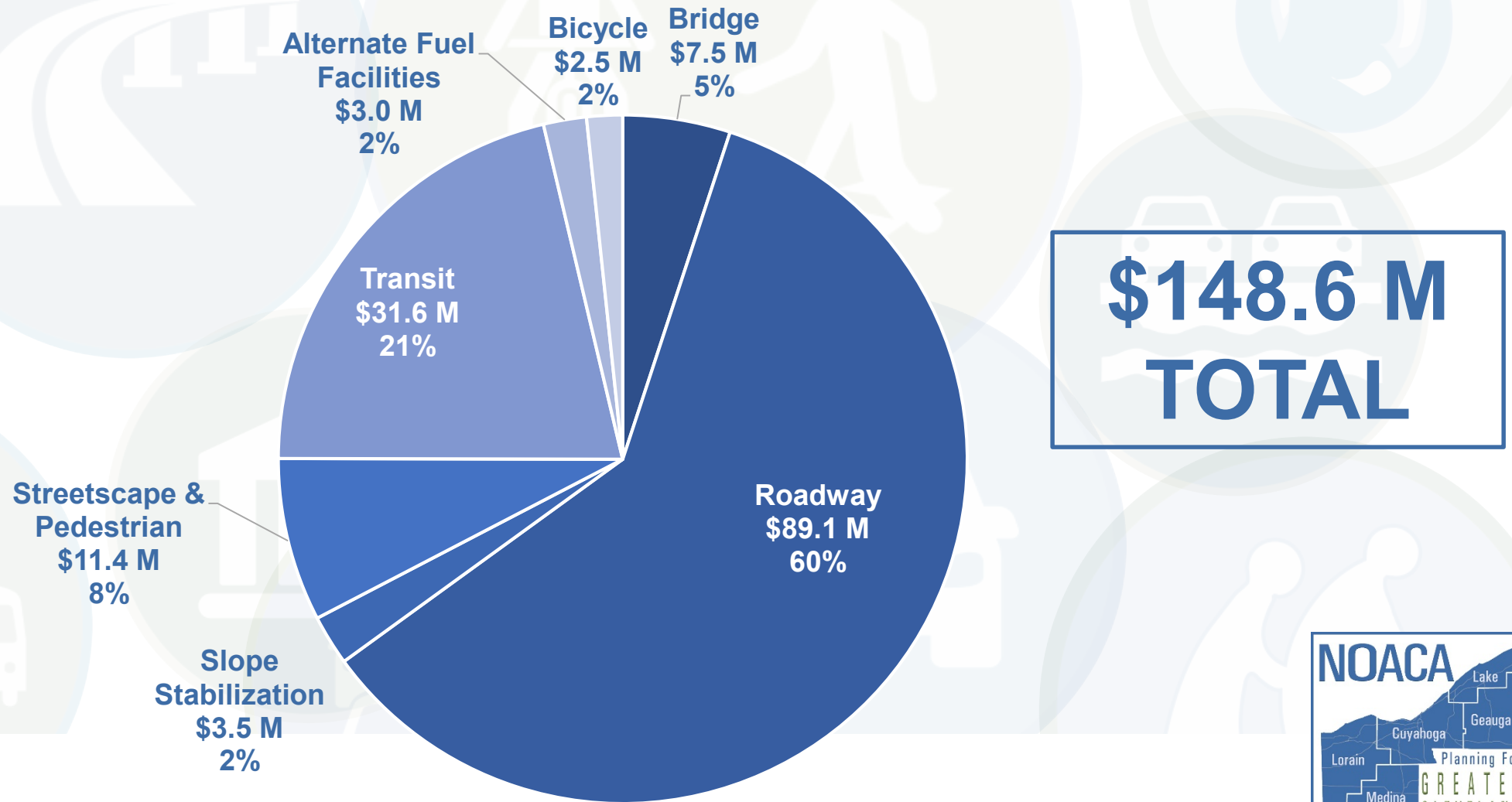
- **STBG and TAP Programs**
  - 92 new projects approved
  - \$119 M in NOACA funding
- **CMAQ Program**
  - 7 new projects approved
  - \$29 M in NOACA funding
- **Over 50 communities receiving investment**





# BACKGROUND

## NOACA Funding by General Project Type



# BACKGROUND

## Impact of approved projects:

- 102 miles of roadway improved and enhanced
- 100,000 sq/ft deck area improved for 3 bridges
- 6.5 miles of bike/ped improvements
- 4 rail car replacements
- 60 transit buses
- 20 transit station improvements
- 75 EV Fast Charge Stations
- Irishtown Bend



# BACKGROUND

## What does this mean for the region's economy and businesses?

- Preservation of roads and bridges to maintain access for the movement of people, goods and services
- \$4 billion in continued regional economic benefit from Irishtown Bend bank stabilization
- Rail car and bus replacements to improve transit reliability for employees and customers
- Transit station and waiting area improvements to spark transit oriented development
- Bicycle and pedestrian access improvements for jobs and places of business
- EV charging stations for greater access of electric vehicles at nodes of public activity and business
- Streetscapes that improve safety, access and aesthetics





# NEXT STEPS

- **Staff will work with sponsors of approved projects to finalize scopes, schedules and fiscal constraint for inclusion in the SFY 2021 – 2024 TIP**
- **The final draft TIP will be presented to:**
  - Planning and Programming Committee for its recommendation to the Board on January 17, 2020; and
  - The Board of Directors on March 6, 2020 for approval





NOACA will **STRENGTHEN** regional cohesion, **PRESERVE** existing infrastructure, and **BUILD** a sustainable multimodal transportation system to **SUPPORT** economic development and **ENHANCE** quality of life in Northeast Ohio.

